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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Application Number	10/558,438	
			Filing Date	March 19, 2007	
			First Named Inventor	LEE, Koon-Seok	
			Art Unit	2477	
			Examiner Name	Daniel D. Mitchell	
Sheet	1	of	3	Attorney Docket Number	7950.046.00

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	2001/0025322 A1	09-27-2001	Song et al.	
	AB	2002/0035624 A1	03-21-2002	Kim et al.	
	AC	2002/0165989 A1	11-07-2002	Etoh	
	AD	2003/0051053 A1	03-13-2003	Vasko et al.	
	AE	2003/0051203 A1	03-13-2003	Vasko et al.	
	AF	2003/0079001 A1	04-24-2003	Chamberlain	
	AG	2003/0165142 A1	09-04-2003	Mills et al.	
	AH	2004/0042487 A1	03-04-2004	Ossman	
	AI	2004/0064578 A1	04-01-2004	Boucher et al.	
	AJ	2004/0088731 A1	05-06-2004	Putterman et al.	
	AK	2005/0108568 A1	05-19-2005	Bussiere et al.	
	AL	2006/0248518 A1	11-02-2006	Kundert	
	AM	2006/0271709 A1	11-30-2006	Vasko et al.	
	AN	2008/0097631 A1	04-24-2008	Baek et al.	
	AO	2008/0259786 A1	10-23-2008	Gonda	
	AP	6,058,106	05-02-2000	Cudak et al.	
	AQ	5,835,723	11-10-1998	Andrews et al.	
	AR	6,631,476 B1	10-07-2003	Vandesteeg et al.	
	AS	6,701,198 B1	03-02-2004	Vandesteeg et al.	
	AT	6,721,900 B1	04-13-2004	Lenner et al.	
	AU	6,842,430 B1	01-11-2005	Melnik	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Foreign Patent Document Country Code ² -Number ² -Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	BB	1020010093265 A	10-27-2001	Samsung Electronics Co., Ltd.	Abstract

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		

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Examiner Signature	/Daniel Mitchell/	Date Considered	01/28/2011
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